

United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Plant Protection & Quarantine  
4700 River Road  
Riverdale, MD 20737

**Permit to Move Live Plant Pests, Noxious Weeds, and Soil**  
Interstate Movement  
**Regulated by 7 CFR 330**

**This permit was generated electronically via the ePermits system**

<b>PERMITTEE NAME:</b>	Erika Rohr Luke	<b>PERMIT NUMBER:</b>	P526P-18-03437
<b>ORGANIZATION:</b>	Marrone Bio Innovations	<b>APPLICATION NUMBER:</b>	P526-180824-011
<b>ADDRESS:</b>	1540 Drew Avenue Davis, CA 95618	<b>FACILITY NUMBER:</b>	N/A
<b>MAILING ADDRESS:</b>	1540 Drew Avenue Davis, CA 95618	<b>HAND CARRY:</b>	Yes
<b>PHONE:</b>	530-750-2800	<b>DATE ISSUED:</b>	09/24/2018
<b>FAX:</b>		<b>DATE AMENDED:</b>	12/18/2019
<b>DESTINATION:</b>	Marrone Bio Innovations, 1540 Drew Avenue, Davis, CA 95618	<b>EXPIRES:</b>	09/24/2021
<b>RELEASE:</b>	CA , (County: Yolo)		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Lygus hesperus	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Myzus persicae	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Spodoptera exigua	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Trichoplusia ni	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	

**PERMIT GUIDANCE**

1) This permit does not authorize movement or release into the environment of genetically engineered organisms produced with the regulated organisms described in this permit. Importation, interstate movement, and environmental release of genetically engineered plant pests require a different permit issued under regulations at 7 CFR part 340. Any unauthorized interstate movement or environmental release, including accidental release, of a regulated GE organism would be a violation of those regulations. Additional guidance and contact information for APHIS Biotechnology Regulatory Services, can be found at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>.

2) If an animal pathogen is identified in your shipment, to ensure appropriate safeguarding, please refer

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Osmond Baron

DATE

12/18/2019

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

to [http://www.aphis.usda.gov/import\\_export/animals/animal\\_import/animal\\_imports\\_an\\_products.shtml](http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_an_products.shtml)

- 3) If a human pathogen is identified, please refer to the CDC Etiologic Agent Import Permit Program at <http://www.cdc.gov/od/eaipp/>
- 4) This permit does not fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.
- 5) If you are considering renewal of this permit, an application should be submitted at least 90 days prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

### PERMIT CONDITIONS

USDA-APHIS authorizes Erika Rohr Luke, Marrone Bio Innovations, 1540 Drew Avenue, Davis, CA, to move all life stages of *Lygus hesperus*, *Myzus persicae*, *Spodoptera exigua*, and *Trichoplusia ni* from the continental United States, for field research in Yolo County, California. All these conditions must be followed:

1. The regulated pests listed above must be shipped / carried in escape proof containers held within a secure box.
2. The permit holder or their designees are authorized to transport the regulated pests listed above in enclosed motor vehicles (i.e. no motorcycles or open-bed trucks). If stopped by law enforcement and requested to relinquish the organisms, then the permit holder must provide a copy of this permit and all conditions. Confiscated organisms must be safeguarded prior to return to the permit holder. Shipping/handling costs associated with the movement of confiscated packages are the responsibility of the permit holder. Shipments carried in vehicles must meet all packaging requirements. Any accidents during transport that compromise the security of shipment packaging must be immediately reported to the USDA via: [pest.permits@aphis.usda.gov](mailto:pest.permits@aphis.usda.gov) . Include the permit number and ATTN: CA Blanco in the subject line, and describe the efforts taken to contain the pests.
3. This permit authorizes the interstate movement from colonies that originated in the continental United States. Colonies that originated from foreign countries, from US territories, or Hawaii require a separate permit.
4. This permit only covers *Lygus hesperus*, *Myzus persicae*, *Spodoptera exigua*, and *Trichoplusia ni*. Work with plant diseases that the western tarnished plant bug, or the green peach aphid may transmit originating from outside of the destination state requires a separate permit.
5. There is to be no further movement or distribution of *Lygus hesperus*, *Myzus persicae*, *Spodoptera exigua*, or *Trichoplusia ni* within the United States and its territories unless the recipient holds, or is named as a responsible party on a valid PPQ526 permit for receipt of these regulated pests.

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6. All persons working with *Lygus hesperus*, *Myzus persicae*, *Spodoptera exigua*, and *Trichoplusia ni* must be informed of these permit conditions. Anyone working with these materials/organisms must agree to and sign/initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/APHIS but must be readily accessible and made available to Federal and State regulators upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized materials/organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

7. The permit holder must:

- maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
- not assign or transfer this permit to other persons without APHIS PPQ authorization,
- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or


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pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

8. ● This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
- The permit number or a copy of the permit must accompany the shipment.
- You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
- You are legally responsible for complying with all permit requirements and permit conditions.
- If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
- Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.

### END OF PERMIT CONDITIONS

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